

What is claimed is:

[Claim 1] An electrically active display comprising:

an optoelectrically active display medium having first and second surfaces on opposed sides thereof;

an optically transmissive electrode in contact with the first surface of the display medium; and

an adhesive layer disposed on the second surface of the display medium.

[Claim 2] An electrically active display according to claim 1 further comprising an optically transmissive layer on the opposed side of the electrode from the display medium.

[Claim 3] An electrically active display according to claim 1 wherein the electrode comprises a metal oxide.

[Claim 4] An electrically active display according to claim 3 wherein the electrode comprises indium tin oxide.

[Claim 5] An electrically active display according to claim 1 wherein the display medium comprises bichromal microspheres.

[Claim 6] An electrically active display according to claim 1 wherein the display medium comprises an electrophoretic medium.

[Claim 7] An electrically active display according to claim 1 wherein the display medium comprises an encapsulated electrophoretic medium.

[Claim 8] An electrically active display according to claim 1 further comprising at least one conductive via extending from the electrode through the display medium.

[Claim 9] An electrically active display according to claim 8 further comprising at least one contact pad electrically connected to the at least one via and disposed on the opposed side of the display medium from the electrode.

[Claim 10] A process for forming a display, the process comprising:

providing an electrically active display comprising an optoelectrically active display medium having first and second surfaces on opposed sides thereof; an optically transmissive electrode in contact with the first surface of the display medium; and an adhesive layer disposed on the second surface of the display medium;

providing a receiving surface comprising at least one electrode; and attaching the electrically active display to the receiving surface by means of the adhesive layer.

[Claim 11] A process according to claim 10 wherein the electrically active display further comprises at least one conductive via extending from the electrode through the display medium, and wherein, after attachment of the electrically active display to the receiving surface, the via is contacted with an receiving surface electrode for holding the electrode of the electrically active display at a specific potential.

[Claim 12] A process according to claim 10 wherein the electrically active display further comprises an optically transmissive layer on the opposed side of the electrode from the display medium.

[Claim 13] A process according to claim 10 wherein the display medium comprises bichromal microspheres.

[Claim 14] A process according to claim 10 wherein the display medium comprises an electrophoretic medium.

[Claim 15] A process according to claim 10 wherein the display medium comprises an encapsulated electrophoretic medium.